Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Tuesday 11 Jan 2022 until 23:59 on Wednesday 12 Jan 2022

Forecast Issued on Tuesday 11 Jan 2022 at 02:00

Confidence: High for mainly dry and rather cold conditions through the next few days as high pressure builds north over England and Wales but some uncertainty in low cloud details. Lowering confidence from Saturday as high pressure starts to move away southeastwards.

Headline for Tuesday 11 Jan 2022: Dry and bright but rather cold.

Mountain weather hazards on Tuesday 11 Jan 2022

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny	Sunny	Sunny	Clear night	Cloudy
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Tuesday 11 Jan 2022

Weather: A dry day with long bright or sunny spells. Becoming a little cloudier in the evening with patchy mist and fog developing.

Chance of cloud free mountain/hill tops above 800m: 95% during the day. 30% again later in the evening.

Visibility: Excellent during daylight hours with clear views of distant hills. Patchy fog and low cloud developing in the valleys and on upslopes in the evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Tuesday 11 Jan 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	16/20 NW	15/18 W	16/19 SW	17/20 SW	18/21 SW	18/22 SW	19/23 SW
600	14/20 W	13/18 W	12/16 SW	14/20 SW	12/16 SW	12/16 SW	13/17 SW
300	4/16 NW	5/14 W	5/15 W	4/16 W	5/16 SW	5/15 SW	4/16 SW
Valley	6/17 NW	5/13 NW	3/10 W	3/11 W	2/6 W	2/8 SW	3/9 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	0/-6	0/-5	0/-5	1/-5	1/-5	0/-6	1/-5
600	2/-3	2/-3	2/-2	3/-2	2/-2	2/-3	2/-2
300	4/2	3/1	5/3	5/3	4/2	3/1	4/2
Valley	6/4	5/3	7/6	6/5	4/3	5/3	5/4
Freezing Level*	700m	700m	800m	900m	1000m	1100m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A dry and clear day to be out in the fells but be prepared for cold conditions and take appropriate winter clothing and kit. Existing snow cover expected to become hard and icy above the freezing level.

Forecast for Wednesday 12 Jan 2022

Weather: Patchy mist and fog overnight and to start the morning with a frost in places. The low cloud will gradually lift to leave another dry day with sunny spells. Patchy mist and fog and a frost developing again in the evening.

Maximum wind: West or Southwest 15 to 20mph.

Chance of cloud free mountain/hill tops above 800m: 90% for most of the day but 30% overnight and to start the morning.

Visibility: Patchy low cloud at first, mainly across western fells, gradually lifting. Otherwise mainly very good visibility but some patchy mist and fog developing again in the evening.

Temperature: **Valleys:** Minus 1 to Plus 1 Celsius rising to 7 Celsius, falling close to freezing again in evening.
At 800m: Plus 1 or 2 Celsius.
Freezing level: Above summits falling to 900m in evening.

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Ground Conditions Supplement

Date: Monday 10 January 2022 Location: Helvellyn summit at 13:00 Full report: Despite the significant thaw, with summit temperatures above freezing, full winter conditions still persist on Helvellyn and many other high Lake District fells. The snow level is rising but is around 500m with varied coverage and with the greatest accumulations on north and east-facing slopes above 700m. Generally the snow pack is soft and saturated but areas of hard snow and ice are common especially where the snow has been compressed by walkers' feet. Striding & Swirral Edges are both in full winter & icy condition and required the use of an ice axe and a combination of microspikes & crampons to traverse safely today. Cornices extending up to 2 metres have developed around north through east facing coire rims. These are particularly unstable during periods of thaw so please give them a wide berth especially in poor visibility. The freezing level is forecast to drop tomorrow which will quickly refreeze the snow pack giving serious conditions on which a simple slip or trip could have real consequences. For anyone venturing above the snowline tomorrow, microspikes and walking poles are advisable and if you are planning routes over or above steep & exposed ground, including the Helvellyn Edges, an ice axe and crampons will be critical. Warm and waterproof clothing including hats/ gloves, headtorch, map, and compass are also essential. Temperature: plus 1.7 C, Maximum wind speed 30.5 mph, Wind chill: minus 5.4 C, Average wind speed: 18.8 mph.

Issued at: 02:00 on Tue 11 Jan 2022

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